

Name: _____

ET_1021 version 20

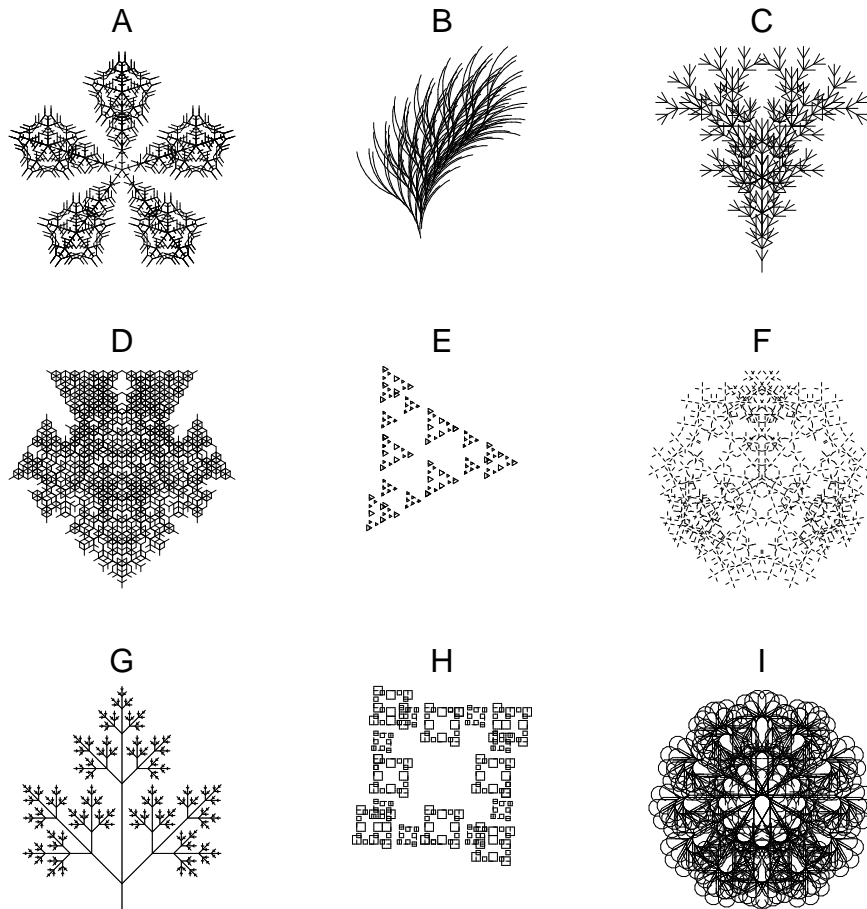
Consider the L -system (and angle) defined below:

- Start: A
- Rules:
A \rightarrow XX[B+BB+BB+BB+B]
X \rightarrow XX
B \rightarrow BA

- Number of recursions (number of iterations): 6
- Angle: 90°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



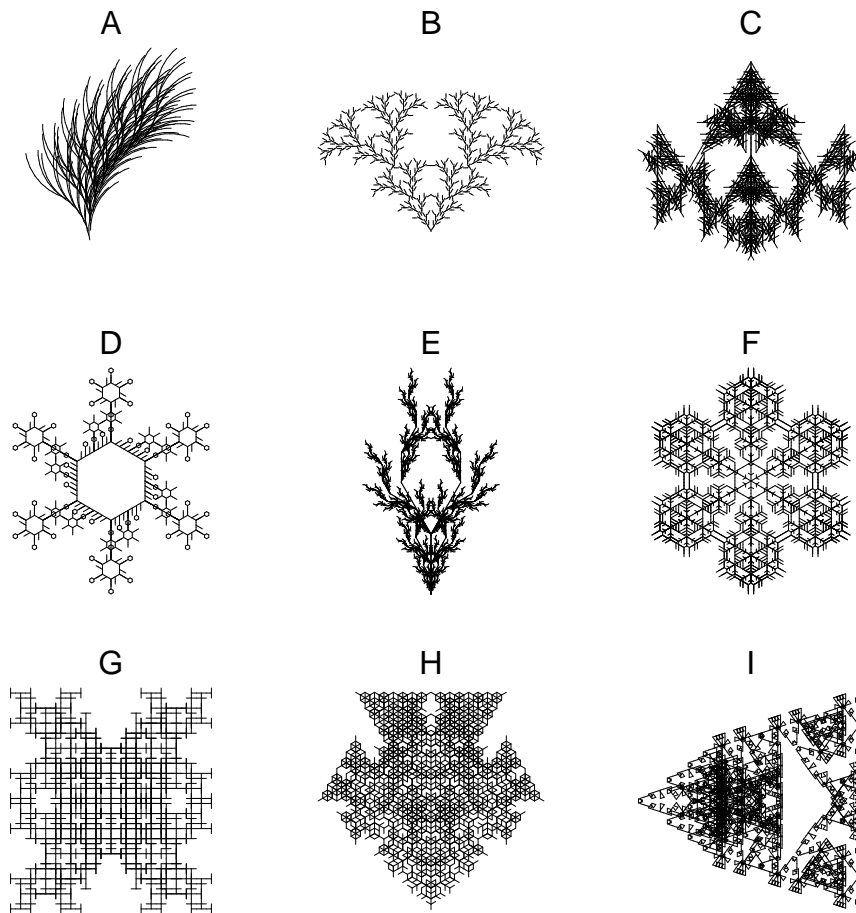
Which pattern is created?

Consider the L -system (and angle) defined below:

- Start: $[A] + [A] + [A] + [A] + [A] + [A]$
- Rules:
 - $A > AA[-B][+B]B$
 - $B > [-ABC][+ABC]$
 - $C > A[-CB][+CB]$
- Number of recursions (number of iterations): 4
- Angle: 60°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?